

## **Focus Area 15: Injury and Violence Prevention**

**Objective 15-29** targets an overall reduction in the drowning death rate to 0.9 per 100,000 population.

California's age-adjusted death rates for drowning deaths were 1.2 per 100,000 population in 2000 and 2001, 1.0 in 2002, and 1.1 in 2003 (Figure 15-29, Table 15-29). California's drowning death rates are slightly higher than the HP2010 target of 0.9 per 100,000 population, and this objective has not yet been achieved.

California data by race and ethnicity show that the highest age-adjusted drowning death rates were found for African Americans/Blacks (1.5 per 100,000 in 2000, 2.0 in 2001, 1.4 in 2002, and 1.1 in 2003), Asians (1.4 per 100,000 in 2000, 1.2 in 2001, 2002, and 2003), and Whites (1.2 per 100,000 in 2000, 1.3 in 2001, 1.1 in 2002, and 1.2 in 2003). This objective is not being achieved for these racial groups as of 2003. This objective is, however, being achieved for Hispanics/Latinos (0.9 per 100,000 in 2001, and 0.8 in 2002 and 2003). Death rates for the American Indian/Alaska Native, Pacific Islander, and the "Multirace" populations were unreliable due to the small number of events and are not reported here, with the exception of no deaths for Pacific Islanders in 2001 and 2002.

Age-adjusted drowning death rates for males (1.7 per 100,000 in 2000, 1.9 in 2001, and 1.6 in 2002 and 2003) were significantly higher than those for females (0.6 per 100,000 in 2000 and 2001, and 0.5 in 2002 and 2003). This HP2010 objective is being achieved for females, but not for males as of 2003.

For more information on drowning in California, visit the Chronic Disease and Injury Control (CDIC) Web site at:

<http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) site at:

<http://www.dhs.ca.gov/epic/>

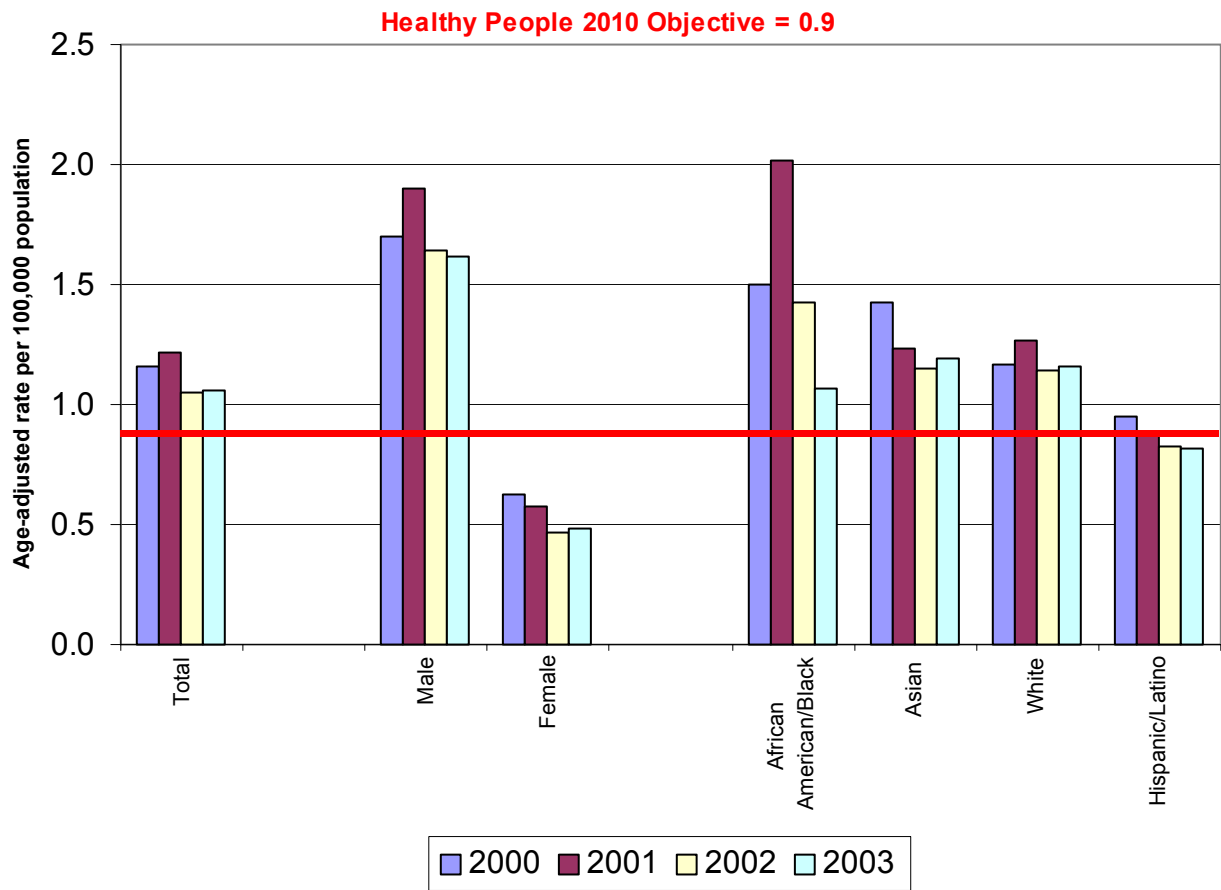
For more information on Healthy People 2010 objective 15-29, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

**Figure 15-29**  
**Drowning Death Rates**  
**California, 2000-2003**



**Table 15-29**  
**Drowning Deaths and Death Rates**  
**California, 2000-2003**

	2000		Lower	Upper	2001		Lower	Upper
	N	Rate <sup>1</sup>	95% C.I.	95% C.I.	N	Rate <sup>1</sup>	95% C.I.	95% C.I.
<b>Healthy People 2010 Target</b>		<b>0.9</b>				<b>0.9</b>		
<b>CALIFORNIA TOTAL</b>	394	1.2	1.0	1.3	420	1.2	1.1	1.3
<b>Race-Ethnicity</b>								
African American/Black	34	1.5	1.0	2.0	45	2.0	1.4	2.6
American Indian	2	DSU	-----	-----	4	DSU	-----	-----
Asian	51	1.4	1.0	1.8	46	1.2	0.9	1.6
Hispanic/Latino	118	1.0	0.8	1.1	119	0.9	0.7	1.0
Pacific Islander	3	DSU	-----	-----	0	0.0	0.0	0.0
White	182	1.2	1.0	1.3	201	1.3	1.1	1.4
Multirace	4	DSU	-----	-----	4	DSU	-----	-----
<b>Gender</b>								
Female	108	0.6	0.5	0.8	100	0.6	0.5	0.7
Male	286	1.7	1.5	1.9	320	1.9	1.7	2.1

	2002		Lower	Upper	2003		Lower	Upper
	N	Rate <sup>1</sup>	95% C.I.	95% C.I.	N	Rate <sup>1</sup>	95% C.I.	95% C.I.
<b>Healthy People 2010 Target</b>		<b>0.9</b>				<b>0.9</b>		
<b>CALIFORNIA TOTAL</b>	368	1.0	0.9	1.2	374	1.1	1.0	1.2
<b>Race-Ethnicity</b>								
African American/Black	33	1.4	0.9	1.9	25	1.1	0.6	1.5
American Indian	5	DSU	-----	-----	2	DSU	-----	-----
Asian	45	1.2	0.8	1.5	46	1.2	0.8	1.5
Hispanic/Latino	106	0.8	0.6	1.0	109	0.8	0.6	1.0
Pacific Islander	0	0.0	0.0	0.0	1	DSU	-----	-----
White	174	1.1	1.0	1.3	186	1.2	1.0	1.3
Multirace	5	DSU	-----	-----	4	DSU	-----	-----
<b>Gender</b>								
Female	82	0.5	0.4	0.6	86	0.5	0.4	0.6
Male	286	1.6	1.4	1.8	288	1.6	1.4	1.8

SOURCES: CA Department of Health Services, Death Records, 2000-2003; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Drowning deaths defined by ICD-10 codes W65-W74, V92.

<sup>1</sup> Rate per 100,000 population, age-adjusted using the 2000 US population standard; excludes death records with unknown ages.

DSU Data Statistically Unreliable due to small number of events.